CONTENTS VOLUME 219

D. Kapetanakis and G. Zoupanos. Coset space dimensional reduction of gauge theories — Nos. 1 & 2, p. 1

P. Mandel, ed. Quantum optics, Proceedings of the XXth Solvay Conference on Physics (Brussels, November 6–9, 1991) — Nos. 3–6, p. 77

CONTENTS VOLUMES 211–218

C.Z. Cheng. Kinetic extensions of magnetohydrodynamics for axisymmetric toroidal plasmas — 211, No. 1, p. 1

C. Mahaux and R. Sartor. Theoretical approaches to the momentum distribution of a normal Fermi liquid — 211, No. 2, p. 53

W.J. Childs. Overview of laser-radiofrequency double-resonance studies of atomic, molecular, and ionic beams — 211, No. 3, p. 113

J. Pulido. The solar neutrino problem and the neutrino magnetic moment — 211, No. 4, p. 167

D. Meschede. Radiating atoms in confined space: from spontaneous emission to micromasers — 211, No. 5, p. 201

A. van Delden. The dynamics of meso-scale atmospheric circulations — 211, No. 6, p. 251

R. Bonetti, M.B. Chadwick, P.E. Hodgson, B.V. Carlson and M.S. Hussein. The Feshbach–Kerman–Koonin multistep compound reaction theory, Erratum — 211, No. 6, p. 376

J.-M. Richard. The nonrelativistic three-body problem for baryons — 212, No. 1, p. 1

V.P. Gudkov. On *CP* violation in nuclear reactions — 212, No. 2, p. 77

H. Knudsen and J.F. Reading. Ionization of atoms by particle and antiparticle impact — 212, Nos. 3 & 4, p. 107

L. Ray, G.W. Hoffmann and W.R. Coker. Nonrelativistic and relativistic descriptions of proton–nucleus scattering — 212, No. 5, p. 223

E. Vilallonga and D.A. Micha. The calculation of time-correlation functions for molecular collisions — 212, No. 6, p. 329

V.I. Kogan, A.B. Kukushkin and V.S. Lisitsa. Kramers electrodynamics and electron–atomic radiative–collisional processes — 213, Nos. 1 & 2, p. 1

R. Cesareo, A.L. Hanson, G.E. Gigante, L.J. Pedraza and S.Q.G. Mahtaboally. Interaction of keV photons with matter and new applications — 213, No. 3, p. 117

R. Iengo and K. Lechner. Anyon quantum mechanics and Chern–Simons theory — 213, No. 4, p. 179

J. Ford. The Fermi–Pasta–Ulam problem: paradox turns discovery — 213, No. 5, p. 271

P.H. Coleman and L. Pietronero. The fractal structure of the universe — 213, No. 6, p. 311

D. Fick, G. Grawert and I.M. Turkiewicz. Nuclear physics with polarized heavy ions — 214, No. 1, p. 1

K. Knorr. Monolayers of polar methane derivatives physisorbed on graphite — 214, No. 2, p. 113

M.P. Mattis. The riddle of high-energy baryon number violation — 214, No. 3, p. 159

D.S. Goldwirth and T. Piran. Initial conditions for inflation — 214, No. 4, p. 223

R. Battiston, D. Cocolicchio, G.L. Fogli and N. Paver. Status and perspectives of K decay physics — 214, No. 5, p. 293

V.S. Olkhovsky and E. Recami. Recent developments in the time analysis of tunnelling processes — 214, No. 6, p. 339

C. Alexandrou and R. Rosenfelder. Stochastic solution to highly nonlocal actions; the polaron problem — 215, No. 1, p. 1

E.K.H. Salje. Application of Landau theory for the analysis of phase transitions in minerals — 215, No. 2, p. 49

J.L. Wood, K. Heyde, W. Nazarewicz, M. Huyse and P. van Duppen. Coexistence in even-mass nuclei — 215, Nos. 3 & 4, p. 101

V.F. Mukhanov, H.A. Feldman and R.H. Brandenberger. Theory of cosmological perturbations — 215, Nos. 5 & 6, p. 203

S.A. Gredeskul and Yu.S. Kivshar. Propagation and scattering of nonlinear waves in disordered systems — 216, No. 1, p. 1

J.A.G. Roberts and G.R.W. Quispel. Chaos and time-reversal symmetry. Order and chaos in reversible dynamical systems — 216, Nos. 2 & 3, p. 63

V.V. Ulyanov and O.B. Zaslavskii. New methods in the theory of quantum spin systems — 216, No. 4, p. 179

Continued overleaf

The ALEPH Collaboration. Searches for new particles in Z decays using the ALEPH detector 216, Nos. 5 & 6, p. 253
M.M. Nieto and T. Goldman. The arguments against "antigravity" and the gravitational acceleration of antimatter, Erratum 216, Nos. 5 & 6, p. 343
A. Scott. Davydov's soliton 217, No. 1, p. 1
Th. Hebbeker. Tests of Quantum Chromodynamics in hadronic decays of Z^0 bosons produced in e^+e^- annihilation 217, Nos. 2 & 3, p. 69
E.A. Vinogradov. Vibrational polaritons in semiconductor films on metal surfaces 217, No. 4, p. 159
P. Sokolsky, P. Sommers and B.R. Dawson. Extremely high energy cosmic rays 217, No. 5, p. 225
T.S. Chang, D.D. Wedensky and J.F. Nicoll. Differential renormalization-group generators for static and dynamic critical phenomena 217, No. 6, p. 279
E. Meron. Pattern formation in excitable media 218, No. 1, p. 1
P.P. Kane. Inelastic scattering of X-rays and gamma rays by inner shell electrons 218, No. 2, p. 67
V.S. Krivitsky, V.N. Tsytovich and S.V. Vladimirov. Nonlnear plasma-maser effect 218, Nos. 3 & 4, p. 141
G. Mussardo. Off-critical statistical models: factorized scattering theories and bootstrap program 218, Nos. 5 & 6, p. 215